

Intertek

ETL SEMKO



1. **TYPE EXAMINATION CERTIFICATE**

2. **Equipment or Protective System Intended for use in Potentially Explosive Atmospheres**

3. Type Examination Certificate Number: **ITS04ATEX11875**

4. Equipment or Protective System: **TECHNAFLO RANGE OF PUMPS**

5. Manufacturer: **TUTHILL PUMP GROUP**

6. Address: **5143 Port Chicago Highway, Concord, California 94520 USA**

7. This equipment or protective system and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.

8. Intertek Testing and Certification Limited certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive 94/9/EC of 23 March 1994

The examination and test results are recorded in confidential Report Number:
Intertek Report Ref 03012645 Issue 1, dated May 2004

9. Compliance with the Essential Health and Safety Requirements has been assured by compliance with EN 13463-1: 2001 and EN13463-5: 2003 except in respect of those requirements referred to at item 18 of the Schedule.

10. If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.

11. This Type examination certificate relates only to the design, examination and tests of the specified equipment or protective system in accordance to the directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment or protective system. These are not covered by this certificate..

12. The marking of the equipment or protective system shall include the following:-



II 2 G (See schedule for temperature classification)

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Registered No 3272281 Registered Office: 25 Savile Row London W1X 1AA

A T Austin
Head of Department
12 May 2004

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13 Schedule

14 **TYPE EXAMINATION CERTIFICATE NUMBER ITS04ATEX11875**

15 **DESCRIPTION OF EQUIPMENT OR PROTECTIVE SYSTEM**

The Technaflo range of Pumps comprising the D Series and the T Series

Each of the types is a positive displacement type utilising internal gears. The pump is isolated from the drive by a sealed metal can and is driven by magnetic coupling. The pump material is stainless steel.

The pumps are intended to be liquid filled but do have self-priming properties.

The explosion protection of the drive motor and the coupling, where used, is outside the scope of this Certificate.

The temperature classification will be dependent on the temperature of the pumped liquid.

Temperature limits are indicated in the relevant Installation and Service Instructions.

16 **REPORT NUMBER**

Intertek Report Ref 03012645 Issue 1, dated May 2004

17 **SPECIAL CONDITIONS FOR SAFE USE**

None

18 **ESSENTIAL HEALTH AND SAFETY REQUIREMENTS (EHSR'S)**

The relevant EHSR's that have not been addressed by the standards listed in this certificate have been identified and assessed in Intertek Report Ref 03012645 Issue 1, dated May 2004.

19 **DRAWINGS**

Number	Rev	Date	Description
A1410UK	-	08.04.04	ATEX Label
D & T SERIES	-	-	Installation, Operation, Safety & Warranty Information
D SERIES	-	-	Service pack instructions

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20 Schedule

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T SERIES	-	-	Service pack instructions
-	-	-	D Series pumphead
-	-	-	T Series pumphead
50163	-	10-29-03	Driving magnet, molded
50339	-	-	Cup, magnet
D1072UK	4	1.6.93	Adaptor

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